



360677

REMEDIAL SITE ASSESSMENT DECISION EPA - REGION 5

SITE NAME: Amoco Oil Co Main Off A EPA ID# 14D006272 629

ALIAS SITE NAME(S): _____

CITY: _____ COUNTY: _____ STATE: ILREPORT DATED: 11/2000 REPORT TYPE: MemoREPORT PREPARER: EPA - SF/RCRA SITE TYPE: _____ GAO ☒ IGDISCUSSION/RATIONALE: "Lead Confirmed" - Site deferral to
RCRA is correct.Special Initiative Flag entered.
see attached.Report Reviewed/
Site Decision Made by: J. Guffey Date: 11/15/00

Region 5 Revision of EPA Form # 9100-3,11/00 - Special - IG Audit

**RESOURCE CONSERVATION AND RECOVERY ACT HANDLERS
ASSESSMENT**

For:

**AMOCO OIL COMPANY MAIN OFFICE
WOOD RIVER, ILLINOIS**

**PREPARED BY:
ILLINOIS ENVIRONMENTAL PROTECTION AGENCY
BUREAU OF LAND
FEDERAL SITES REMEDIATION SECTION
SITE ASSESSMENT UNIT**

SEPTEMBER 2000

1.0 SITE BACKGROUND

Introduction

On June 29th, 1999 the Illinois Environmental Protection Agency's (Illinois EPA) Site Assessment Program was task by the Region 5 offices of the United States Environmental Protection Agency (U.S.EPA) to undertake an initial assessment of a number of Resource Conservation and Recovery Act (RCRA) facilities within the State that are presently contained within RCRA database, but which are not subject to the programs corrective action authorities. These facilities are currently referred to as RCRA "handlers". The RCRA Handlers Assessment is designed to identify RCRA Handler facilities, which may pose a potential threat to human health or the environment, and to determine if placement of these facilities into Comprehensive Environmental Response, Compensation, and Liability Inventory System (CERCLIS) is warranted.

Site Description and History

In the initial phase of this handlers report the author conducted a review of all files contained within the Illinois Environmental Protection Agency Division of Land Pollution for the Amoco Oil Company Main Office located in Wood River, Illinois.

These files indicated that Amoco Oil operated its Wood River Refinery from 1908 until 1981. The main plant was involved in the refining of crude petroleum into fuel gas, LPG, propylene concentrate, motor gasoline, jet fuels, kerosene, diesel fuel, industrial asphalt, and paving asphalt. Later Amoco's operations expanded to include an adjacent petroleum additives plant, marketing distribution facility and dock facility. The petroleum additives plant was engaged in the manufacture of additives for fuel and lubricating oils.

The Amoco Main Office area consists of the refinery main office complex, a parcel of land upon which a landfill exists, and property which a wastewater treatment plant was constructed.

The wastewater treatment plant began operations in August of 1977. In June of 1981, the Amoco refinery ceased operations, and the property was taken over by the Amoco Chemical Corporation. The wastewater treatment facility continued operations after 1981, and was used for the treatment of waste from the petroleum additives company operations. In 1984, the treatment plant underwent RCRA closure, and a portion of the property housing the treatment plant was donated to the City of Wood River. Wood River merged the treatment system with its municipal sanitary system, and treated both refinery and municipal wastewater. A second portion of the Main Office complex also is the site of a landfill, which contains leaded tank bottoms from a series of storage tanks, which contained leaded gasoline. A three-story building which was formerly the Amoco Oil Company's main office comprises the remainder of the site.

The Main Office complex was placed on CERCLIS in April of 1979 as a result of a CERCLA 103 © notification submitted by the Amoco Oil Company. The site received a CERCLA preliminary assessment in March of 1985, a site inspection in March of 1986, and a hazard ranking score in July of 1986. The site received a CERCLA no-further-action classification after the initial hazard ranking. The office complex currently houses a human resource center operated by Madison County.

On September 7, 2000 personnel of the Illinois Site Assessment Unit conducted an inspected of the Amoco Main Office facility. During this inspection it was found

that the wastewater treatment facility is currently in operation and treats wastewater for the City of Wood River and surrounding areas. A human resource center exists in the old main office complex, and appears to be used for various quasi-governmental functions, such as a child daycare and senior citizen facility.

Pathway Analysis

The City of Wood River obtains drinking water from a series of public well located approximately one-half mile north west of the main office complex. These well draw groundwater from a shallow alluvial aquifer at the depth of approximately 80 feet. The nearest perennial surface water body is the Mississippi River which is located approximately one half of a mile west of the facility. Topography of the site is relatively flat with no distinguishable site drainage patterns. A 100-year flood protection levee currently separates the site from the Mississippi River. The Amoco Main Office property is currently surrounded by other industrial land-uses which exist in the immediate area. The possibility of contaminants migrating from the site to the surrounding areas is believed to be unlikely.

Conclusions and Recommendations

Given the limited potential for contaminants from this site entering the environment through the air, direct contact, or surface water migration pathways, and the fact that the site had previously undergone a series of CERCLA investigative actions that resulted in a no-further-action designation, the author recommends that the site not be entered into the Comprehensive Environmental Response Compensation and Liability Acts Information System at this time.



ILLINOIS ENVIRONMENTAL PROTECTION AGENCY

1021 NORTH GRAND AVENUE EAST, P.O. BOX 19276, SPRINGFIELD, ILLINOIS 62794-9276

THOMAS V. SKINNER, DIRECTOR

September 18, 2000

Ms. Jeanne Griffin
Emergency Response Branch
Region V Offices
Office of Superfund
U.S. Environmental Protection Agency
77 West Jackson
Chicago, Illinois 60604

Dear Ms. Griffin:

Please find enclosed a copy of the Resource Conservation and Recovery Act Handlers Assessment Report and site recommendation for the following sites slated for completion in our Fiscal 2000 Site Assessment cooperative agreement.

SITE NAME	COUNTY	CERCLA RECOMMENDATION
Amoco Oil Co Main Office 006272629	Madison	No
Chemisphere Storage 180014839	Cook	No
Chicago Care Incorp 043905504	Cook	Yes
Gateway Petroleum 092358548	St. Clair	Yes
Carlisle Syntec Incorp 980503304	Bond	Yes
Gardner-Denver Copper 000814772	Adams	Yes
Barker Chemical Co 180014722	Cook	No
Flint Ink Corp 006537245	Cook	No
Betz Dearborn Incorp 009722281	Cook	No
Federal Mogul 070686282	Cook	No
Fab-rite Metal Products 001837517	DuPage	No
Atwood Vacuum Machine 005163035	Winnebago	No
Commonwealth Edison 000806505	Will	No

We are pleased to provide you with the attached report. Should you have any questions or comments concerning this submission please feel free to contact me, or the authors of the specific report.

Sincerely,

Thomas Crause
Manager, Site Assessment Programs
Division of Remediation Management
Illinois Environmental Protection Agency

GEORGE H. RYAN, GOVERNOR



Superfund Site Assessment Data Management

EPA - Office of Emergency and Remedial Response

Reporting RCRA Deferral Activities

July 2000

What are RCRA Deferral Sites?

A March 1999 report by EPA's Office of the Inspector General (OIG) identified 2,941 Superfund sites that have been deferred to the Resource Conservation and Recovery Act (RCRA)



program. The OIG report determined that 842 sites are being appropriately addressed under RCRA, and 2,099 need further attention.

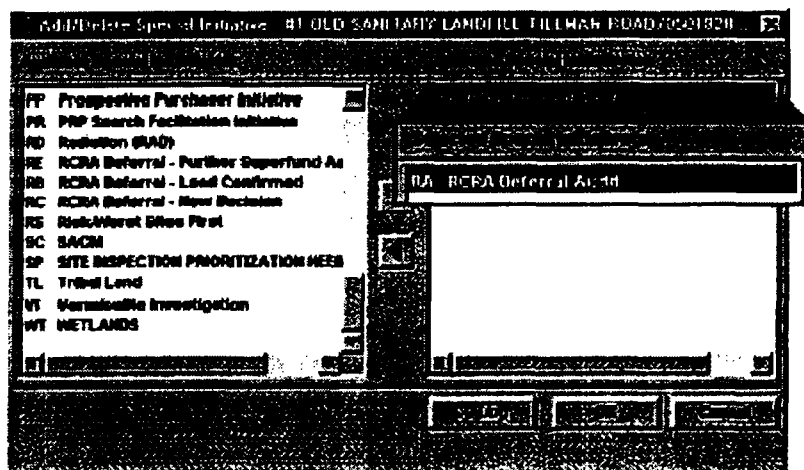
EPA has developed two measures to track and evaluate these 2,099 sites in WastelAN. First, EPA Headquarters will flag the sites using the existing "RCRA Deferral Audit" Special Initiative, and Regions will be able to enter one of the following three new Special Initiatives: RCRA Deferral—Lead Confirmed; RCRA Deferral—New Decision; or RCRA Deferral—Further Assessment. The second measure adds a new WastelAN action, "Site Reassessment", that will track reassessment activities at sites.

How Will Tracking RCRA Deferral Sites Benefit EPA?

Use of the one existing and three new Special Initiatives and the new WastelAN action, "Site Reassessment," will allow EPA to:

- Readily identify the OIG RCRA deferral sites and accurately report their current status;
- Effectively track reassessment activities, recording dates and fiscal year accomplishments; and
- Receive proper credit for reassessment work performed in the Regions.

Additionally, these new initiatives allow the Regions to track the status of RCRA deferral sites that were identified in the 2,099 sites needing further attention. The new "Site Reassessment" action does not replace current assessment actions; it serves as a supplement in instances when some assessment is needed to evaluate new information on a site, yet a full assessment action is not warranted under the Superfund program.



How Will Regional Staff Maintain RCRA Deferral Activities?

Regions will be responsible for entering the new WastelAN Special Initiatives. The new Regional Special Initiatives are:

- RCRA Deferral—Lead Confirmed: Indicates that the RCRA-Deferral decision was accurate; i.e., there is no change to the current RCRA deferral status.
- RCRA Deferral—New Decision: Indicates that EPA is correcting or changing the currently-listed decision from "Deferred to RCRA" to another indicator.
- RCRA Deferral—Further Superfund Assessment: Indicates that EPA needs to conduct further assessment to update the status. (This initiative should be used in conjunction with the new Site Reassessment action.)

Regions will also be responsible for recording Site Reassessment activities using the new WastelAN action.



rcradftrl.pdf

Who Can I Contact for More Information?

Jennifer Griesert Data Sponsor (703) 603-8888 griesert.jennifer@epa.gov

WastelAN Techline (703) 247-4711 techline@marasconewton.com

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION 5

DATE: November 20, 2000

SUBJECT: Lead Confirmation for Sites Identified in the FY'1999 OIG Audit of Sites Deferred to RCRA

FROM: Joseph Dufficy
Brownfield/Early Action Section
Superfund Division

Gerald Phillips
Corrective Action Manager
Waste, Pesticides & Toxics Division

TO: SITE FILES

This memo is to memorialize the lead decisions for those sites that the Office of the Inspector General (OIG) identified in the March 1999 report, entitled "Superfund Sites Deferred to RCRA." The OIG audit recommended that Superfund reevaluate all deferred sites not in the RCRA corrective action workload to determine the best legal authority to address the sites, and any response actions necessary in order to improve communication between the programs. The OIG also recommended that the two programs should reach agreement on which program will take lead responsibility for each of the sites by the end of calendar year 2000.

The OIG lists for Region 5 included (493 sites) 'Sites Subject to Corrective Action', and (184 sites) 'RCRA Handlers' that may not be subject to corrective action. These two lists (attached) have been reviewed by both programs and are identified with one of the three Special Initiative flags. For those sites that have been scored under the RCRA NCAPS model, they are noted as RCRA Deferral - Lead Confirmed. For those sites to be addressed under Superfund, they are identified on the attached lists as RCRA Deferral - New Decision or RCRA Deferral - Further Assessment. All sites requiring reassessments by Superfund will have findings provided to RCRA for their information.

Attachments (2) *

cc: State Site Assessment Contacts
EAPMs

* FOR ATTACHMENTS PLEASE REFER to the following two SITE FILES:

AKZO COATINGS INC. 12D006390553

AG COMMUNICATION Sys. 12D005070545